AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which no claims are canceled, currently amended, and no claims are newly presented.

1. (Previously Presented) A method for interfacing with a human user, comprising:

providing information in groups; and

sending to the human user at least one group of the information as a voice transmission with a tonality unique to the at least one group that distinguishes the at least one group from others of the groups.

2. (Original) The method of claim 1, including:

providing a tonality fundamental pitch that is unique for each of the groups.

3. (Original) The method of claim 1, including:

preceding successive groups of the information respectively by a tone unique to each group, with the tones of the groups being a musical progression of tones of a musical key; and

starting the musical progression with the tonic tone of the musical key.

4. (Previously Presented) A method of communicating information to a human user, comprising:

providing information in groups;

sending at least one group of the information as a voice transmission with a tonality unique to the at least one group that distinguishes the at least one group from others of the groups;

preceding successive groups of the information respectively by a tone unique to each group, with the tones of the groups being a musical progression of tones of a musical key;

starting the musical progression with the tonic tone of the musical key; and

ascending frequency of the tones that are unique to the groups in one direction of a hierarchy of the groups and descending frequency of the tones that are unique to the groups in the other direction of the hierarchy.

5. (Original) The method of claim 4, employed as an interactive voice recognition (IVR), including:

receiving and recognizing user tone commands for navigation of the groups of the information.

6. (Original) The method of claim 4, employed as a voice user interface (VUI), including:

receiving and recognizing user voice commands for navigation of the groups of the information.

7. (Original) The method of claim 3, employed as a voice user interface (VUI), including:

receiving and recognizing user voice commands for navigation of the groups of the information.

8. (Original) The method of claim 3, employed as an interactive voice recognition (IVR), including:

receiving and recognizing user tone commands for navigation of the groups of the information.

9. (Previously Presented) An information system for interfacing with a human user comprising:

storage having information retrievable of groups, each group corresponding to one of words and syllables; and

means for sending, to the human user, each of the groups of the information as a voice transmission preceded by a unique tone of a musical key that distinguishes each group from others of the groups.

10. (Original) The system of claim 9, further including:

means for responding to and recognizing user commands for navigation of the groups of the information; and

said means for receiving and recognizing together with said means for sending form a two way user interface.

11. (Original) The system of claim 10, further including:

means for providing the tones of successive groups as a musical progression in the musical key from the tonic tone of the musical key.

12. (Original) The system of claim 9, further including:

means for providing the tones of successive groups as a musical progression in the musical key from the tonic tone of the musical key.

13. (Previously Presented) An information system, comprising:

storage having information retrievable in groups, each group corresponding to one of words and syllables;

means for sending, to a human, each of the groups of the information as a voice transmission preceded by a unique tone of a musical key that distinguishes each group from others of the groups; and

means for providing the tones of successive groups as a musical progression in the musical key from the tonic tone of the musical key, wherein successive tones of each musical progression of tones ascend in pitch in one direction of a hierarchy of the groups and descend in pitch in the other direction of the hierarchy.

14. (Original) The system of claim 13, wherein:

the musical progression of tones is the I, IV, V musical progression in the musical key.

15. (Original) The system of claim 14, further including:

means for responding to and recognizing user voice commands for navigation of the groups of the information; and wherein

said means for responding to and recognizing together with said means for sending are for a two way voice user interface (VUI).

16. (Original) The system of claim 11, further including:

means for responding to and recognizing user commands for navigation of the groups of the information; and wherein

said means for responding to and recognizing together with said means for sending are for a two-way user interface.

17. (Original) The system of claim 12, further including:

means for responding to and recognizing user commands for navigation of the groups of the information; and wherein

said means for responding to and recognizing together with said means for sending are for a two-way user interface.

18. (Original) The system of claim 13, further including:

means for responding to and recognizing user voice commands for navigation of the groups of the information; and wherein

said means for responding to and recognizing together with said means for sending are for a two-way user interface.

19. (Previously Presented) An information system for interfacing with a human user, comprising:

storage having information retrievable in groups, each group comprising sets of information units that correspond to one of words and syllables;

an interface for voice transmitting each group preceded by a unique tone, which tones are in a single musical key, so that the tones distinguish each group from the other groups to the human user; and

whereby the unique tones provide a human user navigation aid to identify the group to which the units belongs.

20. (Original) The information system of claim 19, further comprising:

an input to receive user commands; and

an analyzer and command recognizer connected to receive user commands input and issue corresponding system commands.

21. (Previously Presented) An information system, comprising:

storage having information retrievable in groups, each group comprising sets of information units that correspond to one of words and syllables; and

an interface for voice transmitting each group preceded by a unique tone, which tones are in a single musical key, so that the tones distinguish each group from the other groups to a human, whereby the unique tones provide a human user navigation aid to identify the group to which the units belongs, wherein:

successive tones form a musical progression of the tones that ascends in pitch in one direction of a hierarchy of the groups and descend in pitch in the other direction of the hierarchy of the groups.

22. (Original) The information system of claim 21, further comprising:

an input to receive user commands; and

an analyzer and command recognizer connected to receive user commands input and issue corresponding system commands.

23. (Original) The information system of claim 21, further comprising:

a VUI input to receive user voice commands; and

a voice analyzer and command recognizer connected to receive user voice commands from said VUI input and issue corresponding system commands.

24. (Previously Presented) A method for providing a user interface to navigate through information, comprising:

assigning a plurality of tonalities to a respective plurality of information groups for identifying the information groups that are arranged hierarchically; and

presenting one of the information groups as a voice transmission with the corresponding tonality to a user, wherein successive ones of the information groups of the information correspond to a musical progression of tones of a musical key, and ascending frequency of the tones are associated with the information groups in one direction of the hierarchy and descending frequency of the tones are associated with the information groups in another direction of the hierarchy.